WBS-01
Quick guide to configuration

This guide is for highlighting the various necessary configuration phases sequentially, in order to enable the main functions of WBS-01 quickly in a typical application with LAE electronic controllers.

For more detailed information on the various product functions, please read the user’s manual which is included in the CD supplied with the WBS-01.

1. Installation and configuration of the IP addresses

After the WBS-01 has been powered up and connected to the Ethernet and to controllers, the first operation to be performed is the configuration of the IP addresses. This is necessary before doing anything else, in order to allow access to the WBS-01 from the local network and then perform the other configuration operations. Moreover, this will allow access Internet.

Please read the “Installation Guide” included in the product package and chapters 1 and 2 of the user’s manual. The installation file of the “NetBiter Config” configuration utility is included in the CD.

2. Users [ Setup > Users ] – 6.1

The pre-defined user “admin” has access rights to all menus and may be associated to the system installer. For safety reasons, it’s important to modify the pre-defined user’s password (admin). Other users may be created with various access rights for normal use. For every user you may specify the e-mail address, his mobile (if a GSM modem is present for sending SMS), which alarm classes the user must receive, the language for the texts of the various pages.
3. Clock, data format and plant information [Setup > Regional] – 6.4
In this phase, the internal clock is to be set and you may enable automatic synchronization with an NTP server via Internet. Moreover, you may set the decimal point separator, log file value separator, site name and description.

4. E-mail [Setup > E-Mail] – 6.5
To allow e-mail sending, it’s necessary to insert SMTP server name or address, which is usually given by the Internet access provider, authentication data if required, name and e-mail address of sender.
5. Templates [Configuration > Templates] – 7.2
Templates define the controller registers which may be used, with relevant information on address, representation scale, enumeration, limits etc. They simplify configuration of display pages, data logging and alarms. Templates of the most popular LAE controllers have already been loaded in our factory. Templates of other controllers may be required or downloaded from LAE electronic website.

Before performing configuration of this phase, all controllers connected must have an already programmed unique Modbus address and in the previous phase (5) the templates of all controllers used must already have been loaded.
You should then insert all controllers connected and assign its own template and Modbus address to every one of them. The address that you insert must match the address set in the controller. It's also possible have the “autodetect” function started, which will perform automatic detection of the controllers connected and the automatic association of the relevant templates, by pressing button “autodetect”.

![Device Templates](image1)

![Device Configuration](image2)
7. Pages [Configuration > Pages] – 7.4

In this phase you may create the pages where the current values of controller data are displayed. In these pages you may also modify writable data, such as the Setpoint (please take into account that the access to all registers present in the template is however possible through "Devices" of the menu appearing on the top bar. In the pages created you may also add an image, which could for example represent the arrangement of the various controllers in the plant or in a certain area.

To configure alarm management you have to define some general settings such as enabling various ways to signal alarms remotely and above all the alarm conditions that you wish to detect. You may define alarm events linked to the controller alarm state value, to the value of a variable, such as temperature, referred to a threshold, or linked to communication failure.
9. Log [Configuration > Log] – 7.6

Here you can define some general settings such as data logging frequency and data sending frequency via e-mail and you define which data have to be logged.